

LIST OF THE CLADONIAE OF
SOUTHEASTERN MASSACHUSETTS,
WITH SPECIAL REFERENCE TO THE COLLECTION
OF CHARLES ALBERT ROBBINS

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After Charles Albert Robbins died in 1930, S. F. Blake (1933) wrote of the long and methodical collecting and identifying done by this quiet man from Wareham, Massachusetts, compiling the largest private collection of the genus *Cladonia* up to that time. Robbins' collection for the small town on Cape Cod was more extensive than the collection of Evans (1930) for the whole state of Connecticut. For almost forty years, Robbins' *Cladonias* have been housed in the Farlow Herbarium and his approximately 46 species are unknown to the world except for those discussed in his five papers, published between 1924 and 1929.

While surveying the plants of Southeastern Massachusetts during a sabbatical leave in 1968-69, it was found that some of the plants in the Robbins collection were not included in the work of Thomson (1967). It would seem wise, therefore, to publish a list at this time. The numbers appearing in front of each taxon correspond to those of Thomson (1967). Where no connection could be made with the taxa in Thomson's work, Zahlbruckner (1922-1940) was referred to. The letters following the taxa indicate the collection locality, *viz.*:

B — Bournedale	NF — North Falmouth
Br — Bridgewater	O — Orleans
Bre — Brewster	P — Plymouth
C — Carver	R — Rockland
D — Duxbury	S — Stoughton
E — Eastham	Sh — Sharon
H — Hingham	W — Wareham
M — Marshfield	wf — Wellfleet
Na — Nantucket	WH — Woods Hole

Those citations marked with an asterisk (*) are for plants not collected by Mr. Robbins.

SCIENTIFIC NAME	PLACE
1. <i>C. papillaria</i> (Ehrh.) Hoffm.	B
<i>f. molariformis</i>	
(Hoffm.) Schaer.	W, S
<i>f. papillaria</i> Thoms.	W
<i>f. stipata</i> Flk.	W, S
5. <i>C. coccifera</i> (L.) Willd.	*H
<i>v. frondescens</i> (Nyl.) Vain.	W
<i>v. stemmatina</i> Ach.	W
9. <i>C. deformis</i> (L.) Hoffm.	
<i>f. crenulata</i> Ach.	W
11. <i>C. pleurota</i> (Flk.) Schaer.	W, S, C
12. <i>C. incrassata</i> Flk.	W
<i>f. clavata</i> Robb.	W
<i>f. squamulosa</i> (Robb.) Evans	W
14. <i>C. floerkeana</i> (Fr.) Flk.	W
<i>v. intermedia</i> Hepp.	
<i>f. fastigiata</i> Laur.	W
<i>v. intermedia</i>	
<i>f. peritheta</i> Robb.	W
<i>f. intermedia</i> (Hepp.) Thoms.	W
<i>f. carcata</i> (Ach.) Thoms.	W
<i>f. floerkeana</i> Thoms.	W
<i>f. squamosissima</i> T. Fr.	W
15. <i>C. bacillaris</i> (Ach.) Nyl.	W, S
<i>f. attenuata</i> Robb.	W
<i>f. peritheta</i> (Wallr.) Zahlbr.	W
<i>f. fruticaulescens</i> Vain.	W, B
<i>f. obtusa</i> Wallr.	W
<i>f. bacillaris</i> Thoms.	W, S
16. <i>C. cristatella</i> Tuck.	Widespread
<i>f. aurantiaca</i> Robb.	W

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| | f. <i>lepidifera</i> (Vain.) Robb. | W |
| | f. <i>pleurocarpa</i> Robb. | W, C |
| | f. <i>squamulosa</i> Robb. | W, C |
| | f. <i>squamosissima</i> Robb. | S |
| | f. <i>cristatella</i> Thoms. | W, B, S, Wf |
| | f. <i>ochrocarpa</i> Tuck. | W, C |
| | f. <i>ramosa</i> Tuck. | B |
| | f. <i>vestita</i> Tuck. | W, C, S |
| 21. | <i>C. macilenta</i> Hoffm. | W |
| | f. <i>macilenta</i> Thoms. | W, M, C |
| 22. | <i>C. didyma</i> (Fée) Vain. | |
| | var. <i>muscigena</i> (Eschw.) Vain. | W |
| 23. | <i>C. leporina</i> Fr. | *Na |
| 25. | <i>C. piedmontensis</i> Merr. | W, C |
| | f. <i>lepidifera</i> (Vain.) Robb. | W, C |
| | f. <i>phyllocoma</i> Robb. | C |
| | f. <i>obconica</i> Robb. | C |
| | f. <i>piedmontensis</i> Thoms. | C |
| | f. <i>intermedia</i> Robb. | C |
| | f. <i>squamossissima</i> Robb. | C |
| 30. | <i>C. strepsilis</i> (Ach.) Vain. | S |
| | f. <i>abortiva</i> Robb. | W |
| | f. <i>strepsilis</i> Thoms. | W, S |
| | f. <i>coralloidea</i> (Ach.) Vain. | W, S |
| | f. <i>glabrata</i> Vain. | W, S |
| 31. | <i>C. robbinsii</i> Evans | |
| | f. <i>squamulosa</i> (Evans) Evans | W, S |
| 32. | <i>C. capitata</i> (Michx.) Spreng. | W |
| | f. <i>capitata</i> Thoms. | W |
| 36. | <i>C. clavulifera</i> Vain. | W, S, C, B |
| 37. | <i>C. apodocarpa</i> Robb. | W |
| 39. | <i>C. polycarpoides</i> Nyl. | W, S |
| | f. <i>epiphylla</i> (Robb.) Thoms. | W |

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| | f. <i>squamulosa</i> .. (Robb.) Thoms. | W |
| | f. <i>polycarpoides</i> Thoms. | C |
| 40. | <i>C. cariosa</i> (Ach.) Spreng. | *Br |
| | f. <i>squamulosa</i> | |
| | (Müll. Arg.) Vain. | W |
| 46. | <i>C. mateocyatha</i> Robb. | W |
| | f. <i>squamulata</i> Robb. | W |
| 47. | <i>C. gracilis</i> (L.) Willd. | |
| | var. <i>dilitata</i> (Hoffm.) Vain. | W |
| | f. <i>dilacerata</i> (Flk.) Vain. | W |
| | var. <i>elongata</i> (Jacq.) | |
| | Fr. f. <i>elongata</i> Thoms. | W |
| 49. | <i>C. verticillata</i> (Hoffm.) Schaer. | W |
| | f. <i>pallida</i> Robb. | W |
| | var. <i>cervicornus</i> Flk. | |
| | f. <i>phyllophora</i> Flk. | W |
| | f. <i>phyllocephala</i> Flot. | W, C |
| | f. <i>aggregata</i> (Del.) Oliv. | *M |
| | f. <i>apoticta</i> (Ach.) Vain. | W, C |
| | f. <i>phyllocephala</i> (Flot.) Oliv. | W |
| | f. <i>verticillata</i> Thoms. | B |
| 56. | <i>C. simulata</i> Robb. | W |
| 57. | <i>C. pityrea</i> Flk.) Fr. | |
| | var. <i>pityrea</i> Thoms. | W |
| | f. <i>pityrea</i> Thoms. | W |
| | f. <i>squamulifera</i> Vain. | W |
| | f. <i>subacuta</i> Vain. | W |
| | f. <i>cladomorpha</i> (Flk.) Vain. | W |
| | f. <i>scyphifera</i> (Del.) Vain. | W |
| 58. | <i>C. pyxidata</i> (L.) Hoffm. | Widespread |
| | var. <i>pyxidata</i> Thoms. | W, D |
| | f. <i>centralis</i> Oliv. | W |
| | f. <i>marginalis</i> Hoffm. | W |
| | f. <i>prolifera</i> Wallr. | W |

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| | <i>f. lophyra</i> (Ach.) Körb. | W |
| | <i>f. homodactyla</i> Wallr. | W |
| 59. | <i>C. chlorophaea</i> (Flk.) Spreng. | W |
| | <i>f. costata</i> (Flk.) Arn. | W |
| | <i>f. simplex</i> (Hoffm.) Arn. | W |
| | <i>f. prolifera</i> (Wallr.) Arn. | W, C |
| 60. | <i>C. grayi</i> Merr. | W, C |
| | <i>f. peritheta</i> Evans | W |
| | <i>f. cyathiformis</i> Sandst. | W |
| | <i>f. centralis</i> Evans | W |
| | <i>f. prolifera</i> Sandst. | W, C |
| | <i>f. squamulosa</i> Sandst. | W |
| | <i>f. pallida</i> Robb. | W |
| | <i>f. epiphylaa</i> Robb. | W |
| | <i>f. foliosa</i> Robb. | W |
| | <i>f. clavata</i> Robb. | W |
| 64. | <i>C. fimbriata</i> (L). Fr. | |
| | <i>f. stenoscypa</i> Evans | W |
| | <i>f. conista</i> (Ach.) Robb. | W, B |
| | <i>f. pycnotheliza</i> (Nyl.) Vain. | W |
| | <i>f. simplex</i> (Weiss) Vain. | *Br |
| 66. | <i>C. nemoxyna</i> (Ach.) Nyl. | W, C, S |
| | <i>f. ambigua</i> Wallr. | W |
| | <i>f. phyllocephala</i> Arn. | W |
| | <i>f. scyphifera</i> Robb. | W |
| | <i>f. nemoxyna</i> Thoms. | W |
| 68. | <i>C. coniocraea</i> (Flk.) Spreng. | W |
| | <i>f. ceratodes</i> (Flk.) Thoms. | W, S |
| | <i>f. phyllostrota</i> (Flk.) Vain. | W |
| | <i>f. truncata</i> (Flk.)
DT. & Sarnth. | W |
| | <i>f. actinota</i> Flk. | W |
| | <i>f. pycnotheliza</i> (Nyl.) Vain. | W |
| | <i>f. peritheta</i> Robb. | W |
| 72. | <i>C. turgida</i> (Ehrh.) Hoffm. | *M |
| | <i>f. conspicua</i> (Schaer.) Nyl. | *Br |

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| 76. <i>C. furcata</i> (Huds.) Schrad. | W, E, D |
| var. <i>furcata</i> Flk. | W |
| f. <i>fissa</i> (Flk.) Aigr. | W |
| f. <i>furcata</i> Thoms. | W |
| f. <i>subclausa</i> (Sandst.) Evans | W |
| f. <i>rigidula</i> Mass. | W |
| f. <i>subulata</i> (Ach.) Vain. | W |
| f. <i>corymbosa</i> (Ach.) Vain. | W |
| var. <i>palamaea</i> (Ach.) Vain. | W |
| var. <i>paradoxa</i> Vain. | W |
| var. <i>pinnata</i> (Flk.) Vain. | |
| f. <i>recurva</i> (Hoffm.) Sandst. | W |
| f. <i>foliolosa</i> (Del.) Vain. | W |
| f. <i>turgida</i> Scriba ex Sandst. | W |
| 77. <i>C. scabriuscula</i> (Del. in Duby) Nyl. | W |
| f. <i>elegans</i> Robb. | W |
| f. <i>squamulosa</i> Robb. | W |
| f. <i>adpersa</i> Flk. | W |
| f. <i>farinacea</i> (Vain.) Sandst. | W |
| f. <i>scabriuscula</i> Thoms. | W |
| 79. <i>C. parasitica</i> (Hoffm.) Hoffm. | W |
| f. <i>congesta</i> Robb. | W |
| f. <i>sterilia</i> Robb. | W |
| f. <i>parasitica</i> Thoms. | W, S |
| 81. <i>C. floridana</i> Vain. | W |
| 82. <i>C. beaumontii</i> (Tuck.) Vain. | W |
| 83. <i>C. caespiticia</i> (Pers.) Flk. | W, H |
| f. <i>epiphylla</i> (Arn.) Sandst. | W |
| 86. <i>C. multiformis</i> Merr. | W |
| 88. <i>C. carassensis</i> Vain. | W |
| f. <i>subregularis</i> Vain. | W |
| f. <i>digressa</i> Vain. | W |
| f. <i>regularis</i> Vain. | W |
| f. <i>spectabilis</i> Robb. | W |

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| | f. <i>obliqua</i> Robb. | |
| | m. <i>spectabilis</i> Robb. | W |
| | f. <i>subregularis</i> Vain. | |
| | m. <i>spectabilis</i> Robb. | W |
| | f. <i>subirregularis</i> Robb. | W |
| 89. | <i>C. squamosa</i> (Scop.) Hoffm. | W, C |
| | f. <i>pityrea</i> Arn. | W |
| | f. <i>fascicularis</i> (Del.) Nyl. | W |
| | f. <i>denticollis</i> (Hoffm.) Vain. | W |
| | f. <i>squamosa</i> Thoms. | W |
| | var. <i>laevicorticata</i> Sandst. | |
| | f. <i>degenerascens</i> Anders. | W |
| | f. <i>laevicorticata</i> | |
| | (Sandst.) Evans | W |
| | f. <i>carneopallida</i> Sandst. | W |
| | var. <i>muricella</i> (Del.) Vain. | |
| | f. <i>sarmentosa</i> (Tayl.) | |
| | Müll Arg. | W |
| | f. <i>ventricosa</i> (Del.) Oliv. | W |
| | var. <i>phyllocoma</i> Robb. | W |
| | f. <i>muricella</i> Sandst. | *B |
| | f. <i>pseudocrispata</i> Sandst. | W |
| | f. <i>rigida</i> (Del.) Nyl. | W |
| | f. <i>subesquamosa</i> Nyl. | W |
| | f. <i>subtrachynella</i> Vain. | W |
| | f. <i>turfacea</i> (Arn.) Vain. | W |
| 90. | <i>C. subsquamosa</i> (Nyl.) Vain. | |
| | f. <i>subrigida</i> Robb. | W |
| | f. <i>luxurians</i> (Nyl.) Vain. | W |
| | f. <i>degenerata</i> Robb. | W |
| | f. <i>sublevis</i> Robb. | W |
| | f. <i>subrigida</i> Robb. | W |
| | f. <i>scabrida</i> Robb. | W |
| 91. | <i>C. crispata</i> (Ach.) Flot. | |
| | f. <i>subascypha</i> Savicz | W |
| | var. <i>dilacerata</i> | |
| | (Schaer.) Malbr. | W |

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| | f. <i>elegans</i> (Del.) Vain. | W |
| | f. <i>infundibulifera</i>
(Schaer.) Thoms. | W |
| | var. <i>divulsa</i> (Del.) Arn. | W |
| | f. <i>crispata</i> Thoms. | W |
| | var. <i>virgata</i> Ach.
f. <i>kairamoi</i> Vain. | W |
| 92. | <i>C. cenotea</i> (Ach.) Schaer. | *Br, D |
| | f. <i>exaltata</i> Nyl. | W |
| | f. <i>cenotea</i> Thoms. | W |
| 93. | <i>C. glauca</i> Flk. | W |
| 97. | <i>C. uncialis</i> (L.) Wigg. f. <i>humilior</i> Fr. | W |
| | f. <i>turgescans</i> (Del.) E. Fries | W |
| | f. <i>obtusata</i> (Ach.) Nyl. | W, E |
| | f. <i>uncialis</i> Thoms. | W |
| | f. <i>setigera</i> Anders | S, W |
| | f. <i>soraligera</i> (Robb.) Sandst. | W |
| | f. <i>subobtusata</i> (Coem.) Arn. | W |
| 101. | <i>C. boryi</i> Tuck. | W, P, D, WH,
E, Bre, Q |
| | f. <i>prolifera</i> Robb. | W |
| | f. <i>lacunosa</i> (Bory) Evans | W, S, D, sh |
| 102. | <i>C. caroliniana</i> Schwein, ex Tuck. | W |
| 107. | <i>C. alpestris</i> (L.) Rabh. | W, Br, E, H |
| 108. | <i>C. impexa</i> Harm. f. <i>prolifera</i> Robb. | W |
| | f. <i>impexa</i> Thoms. | W |
| | f. <i>subpellucida</i> Harm. | W |
| 109. | <i>C. terrae-novae</i> Ahti | W |
| 110. | <i>C. tenuis</i> (Flk.) Harm. | W, S, R |
| | f. <i>prostrata</i> Robb. | W |
| | f. <i>prolifera</i> Robb. | W |
| 111. | <i>C. subtenuis</i> (Abb.) Evans | W, S, E |

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| 113. <i>C. mitis</i> Sandst. | W, R, Nonquit |
| <i>f. pallida</i> Robb. | W |
| <i>f. tenuis</i> Sandst. | W |
| <i>f. divaricata</i> Sandst. | W, S |
| <i>f. prolifera</i> Sandst. | W, NF |
| <i>f. soralifera</i> Sandst. | W |
| <i>f. prostrata</i> Sandst. | W, S, NF |
| 115. <i>C. sylvatica</i> (L.) Hoffm. | W, S, Na |
| <i>f. sphagnoides</i> (Flk.) Oliv. | W, C |
| <i>f. congesta</i> Robb. | W |
| <i>m. fissa</i> Flk. | W |
| <i>f. gracilior</i> Vain. | W |
| <i>f. arbuscula</i> Wallr. | W |
| <i>f. decumbens</i> Flk. | W |
| <i>f. scabrida</i> Robb. | W, S |
| <i>m. soreciata</i> Sandst. | W |
| <i>f. pygmaea</i> Sandst. | W |
| 116. <i>C. rangiferina</i> (L.) Wigg. | Widespread |
| <i>f. incrassata</i> (Schaer.) Anders | W |
| <i>f. tenuior</i> (Del.) Vain. | W |
| Not included in Thomson's book: | W |
| <i>C. poculifera</i> Robb. | W |
| <i>f. simplex</i> Robb. | W |
| <i>C. pseudopyxidata</i> Robb. | W |
| <i>f. clavata</i> Robb. | W |
| <i>f. Simplex</i> Robb. | W |
| <i>f. squamulosa</i> Robb. | W |
| <i>f. lateralis</i> Robb. | W |
| <i>f. prolifera</i> Robb. | W |
| <i>C. pyxioides</i> (Wallr.) Britz. <i>f. simplex</i> Britz. | W |
| <i>C. spumosa</i> Flk. | W |

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